

## WESTINGHOUSE AP1000® GENERIC DESIGN ASSESSMENT

### GDA ISSUE

### STRUCTURAL INTEGRITY – FATIGUE ANALYSIS

### GI-AP1000-SI-02 REVISION 0

<b>Technical Area</b>		<b>STRUCTURAL INTEGRITY</b>	
<b>Related Technical Areas</b>		None	
<b>GDA Issue Reference</b>	<b>GI-AP1000-SI-02</b>	<b>GDA Issue Action Reference</b>	<b>GI-AP1000-SI-02.A1</b>
<b>GDA Issue</b>	Fatigue Analysis of ASME III Class 1 Piping.		
<b>GDA Issue Action</b>	Provide sufficient evidence to show that ASME III Class 1 pipework has an adequate fatigue life for the 60 year design life of the reactor. Activities by Westinghouse should comprise: <ul style="list-style-type: none"><li>• Provide sufficient evidence to show that ASME III Class 1 pipework has an adequate fatigue life for the 60 year design life of the reactor.</li><li>• Provide adequate responses to any questions arising from assessment by ONR of documents submitted.</li></ul> With agreement from the Regulator this action may be completed by alternative means.		